

## Anti- Cyt f (Cytochrome f, plant ) antibody, rabbit polyclonal

81-035 200 µg

**Shipping and Storage:** Shipped at 4°C or -20°C and store at -20°C. Do not freeze.

**Immunogen:** Recombinant Spinach Cytochrome f expressed in E. coli.

**Form:** 4 mg/ml in PBS- with 50% glycerol. Filter sterilized. No preservative nor carrier protein added.

**Purity:** IgG purified with Protein A.

**Reactivity:** Cytochrome f of plant including Spinach, Arabidopsis and Maize.

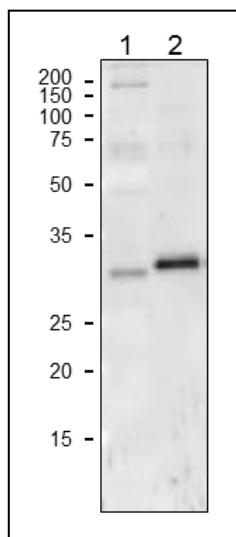
### Applications:

1. Western blotting (1/1,000-1/5,000)
2. ELISA (assay dependent)

Other applications have not been tested.

**Background:** Cytochrome f is a component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.

**Data Link:** UniProtKB [P16013](#) (CYF\_SPIOL), [P56771](#)(CYF\_ARATH),  
[P46617](#) (CYF\_MAIZE)



**Fig.1 Western Blot of Cyt f in plant leaf extract.**

Anti- Cyt f antibody was used at 1/1,000 dilution. Secondary antibody (goat anti-rabbit IgG antibody HRP-conjugated, ab97051) was used at 1/10,000 dilution.

1. Arabidopsis leaf extract, 20 µg
2. Maize leaf extract, 10 µg

Molecular masses of maize Cyt f is 35 kDa (Arabidopsis), 36 kDa (maize). The differences between the predicted sizes and WB data reflect signal peptide removal in mature proteins,

**Reference:** No publication using this antibody.